

Success of SNL/CA's EMS depends on you!

SNL/CA's EMS will only be successful through full integration into all aspects of site operations. You can participate in SNL/CA's success by considering the environmental impacts when planning and performing your work.

Here are a few simple ways that you can support SNL/CA's EMS success.

- Consider using less toxic chemicals for laboratory activities.
- Minimize waste by buying only the amount of chemicals needed.
- Incorporate sustainable design principles into new and remodeled facilities.
- Recycle all office paper products.
- Minimize the use of once through potable water for equipment cooling.
- Minimize your use of carts.
- Don't refuel your vehicles, including carts, on Spare The Air Days.
- Buy products made from recycled materials.
- Turn off your lights when leaving your workspace for an extended period of time.

For additional information on EMS, our objectives, and environmental programs, visit the new ES&H website at <http://www.ran.sandia.gov/ESH/>.

ISO 14001 Registration

SNL/CA used the International Organization for Standardization (ISO) 14001 framework to develop the EMS. ISO is a worldwide, non-governmental organization that develops standards to ensure that materials, products, processes, and services are fit for their intended purpose. Our goal is to seek ISO registration of our EMS in the 2007 timeframe. Successful ISO registration will give added credibility to SNL/CA's EMS. It will demonstrate to our DOE customer, industrial and academic partners, other government agency customers, and environmental regulators that our EMS is sound, effective, and high quality. ISO registration will support improvement in environmental performance, foster compliance, and support cost reduction.



ENVIRONMENTAL
STEWARDSHIP
It's everyone's responsibility!



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Environmental
Management
System – THE BASICS

Sandia's Environmental Management System, or EMS, is a set of inter-related elements used to establish and achieve environmental policy and goals, and manage environmental risk. It is not a stand-alone system, but rather a component of the corporate Integrated Safety Management System (ISMS).



EMS follows the same fundamental principals as ISMS – Plan Work, Analyze Hazards, Control Hazards, Perform Work, and Feedback and Improve.

SNL/CA's EMS fits within the corporate EMS umbrella but is tailored to California operations.

SNL/CA Environmental Management System (EMS)

Objectives relate directly to categories of high environmental risk as well as to areas of opportunity for environmental improvement.

Our objectives are to:

- Meet or exceed all applicable environmental requirements.
- Minimize the risk of fire.
- Reduce the inventory of toxic or hazardous materials.
- Reduce the quantity of hazardous waste generated.
- Reduce the quantity and improve the quality of sewer water.
- Decrease electrical and natural gas consumption.

- Reduce landfill waste and/or increase recycling.
- Decrease water use.
- Reduce the volume and velocity of storm water run-off and reduce the pollutants.
- Reduce air pollution emissions.
- Enhance the natural habitat.
- Design all buildings using sustainable and “green” design principles.

SNL/CA Environment, Safety, and Health Standard of Performance

Sandia National Laboratories, California is firmly committed to meeting all corporate and regulatory Environmental, Safety and Health (ES&H) policies and requirements that apply to its operations. The application of compliant ES&H principles and practices is considered a fundamental element of everyone's work assignment.

In this regard, SNL/CA commits to:

- **Nurture a safety and health conscious work ethic and culture.** We will all assume responsibility for creating and maintaining a worksite, as well as performing our work, in a manner that respects and supports the safety and health of every individual. SNL/CA believes that all accidents are preventable. We will all strive to create a workplace that is free of accidents and injuries.
- **Be a responsible steward of the environmental resources in our care.** We will integrate environmental risk assessment, planning and impact mitigation into every aspect of our work. SNL/CA programs, operations, processes, and facilities will be planned and managed such that they support environmental objectives and targets to minimize the creation of waste, pollution, and adverse impact on the public and the environment. SNL/CA will remain committed to an efficient and effective EMS as part of the laboratory's ISMS.

- **Comply with all applicable laws, regulations, and permits.** Compliance with the letter and the spirit of ES&H laws and regulations is viewed as the minimum acceptable standard. When necessary and appropriate we will go beyond legal mandates in order to implement more effective approaches and to nurture a positive and learning ES&H culture. SNL/CA is committed to continuous improvement in all aspects of our environment, safety, and health performance and commits to establish performance indicators to guide these efforts and measure our progress.

